

ABSTRACT

System and method for controlling idle speed for a vehicle including an internal combustion engine coupled to an automatic transmission which has a torque converter. The 5 system includes a sensor operative to detect a parameter based on a torque converter speed ratio and generate a signal indicative of the parameter detected, and a controller programmed to determine basic idle speed, determine a target idle speed by correcting the basic idle 10 speed based on the signal when the automatic transmission is in a drive range in engine idling condition. The method includes determining basic idle speed when the automatic transmission is in a drive range in engine idling condition, detecting a parameter based on a torque converter speed 15 ratio, and determining a target idle speed by correcting the basic idle speed based on the parameter.